



® variable refrigerant volume
INTELLIGENT AIR-CONDITIONING TECHNOLOGY



DAIKIN® **AC**™
absolute comfort™




absolute comfort™



At Daikin®, we have turned the science and application of air conditioning into an art form by revolutionizing and redefining the very way we think about it. By bringing it to life. Making it a part of everyday living. Creating a responsive environment that can constantly readjust itself to your changing needs.



**WE ARE DAIKIN® AC™ –
ABSOLUTE COMFORT.™**





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ABSOLUTE COMFORT

A leap far beyond the notion of air conditioning to the concept of comfort-conditioned air.

An advanced solution that delivers:

- The total peace of mind and confidence that come from having unique, customizable solutions that can be seamlessly crafted into any design – quickly, simply and cost-effectively.



- The security of being covered by one of the finest warranties in the business for a system that has the flexibility to grow as needs grow.
- The control that comes from advanced, revolutionary technology that can constantly readjust itself to its user's ever-changing needs at the touch of a button – creating a unique, personalized environment all its own.

That's Absolute Comfort.



THE DAIKIN EDGE

Daikin is the only company in the world dedicated to manufacturing both air-conditioning systems *and* refrigerants. And because we develop and optimize *every* major component within our unique system, you can enjoy the Absolute Comfort of knowing that each element has been designed to work flawlessly with the next – delivering optimal performance – from the time a project begins to the moment of experiencing Absolute Comfort.



ADVANCED ZONING CAPABILITIES provide complete control and Absolute Comfort over every square inch of your environment regardless of building size, configuration or function. Our system's modular design allows you to condition each individual zone as it is occupied.

ENERGY EFFICIENCY and lower operating costs result from being able to control each zone or room individually, allowing you to adjust the level of air conditioning based on its use.

INNOVATIVE SPACE-SAVING DESIGN has been incorporated into every aspect of the system, so you can utilize each area to its fullest.

RELIABILITY is assured throughout, with high-specification, worry-free design and function. And our proprietary Double Backup Technology ensures constant operation.

Enjoy the comfort of having one of the
BEST WARRANTIES
in the business.
Absolutely.



the Daikin difference

ABSOLUTE COMFORT – GLOBALLY APPROVED

For more than 80 years, Daikin has been manufacturing and supplying advanced, high-quality air-conditioning equipment for residential, commercial and industrial applications. With a global presence that stretches from Asia to Europe to South America, you can be assured that our products have been designed to perform flawlessly in any climate.



Our commitment to the U.S. market began in 1963 with the manufacture of fluorine chemicals. Today our commitment is stronger than ever, and our presence is growing with the establishment of regional air-conditioning operations in the U.S.

As a world leader in technological innovation, we constantly strive to expand the boundaries of our knowledge by initiating and funding a wide range of research programs: from mechanics and electronics to chemicals and fluorocarbons. It's with this knowledge that we build Absolute Comfort into every single product we develop.





ABSOLUTE COMFORT

The idea of Absolute Comfort not only applies to our indoor environment, but also to the world outside. As a global producer of refrigerant, we are aware of our responsibilities to develop safer alternatives. In fact, in June 2002, we were cited by the Environmental Protection Agency (EPA), *"In recognition of exceptional contributions to global environment protection."*

ABSOLUTE COMFORT – GUARANTEED WITH AN UNSURPASSED LEVEL OF SERVICE

Our commitment to producing the world's best air-conditioning systems is matched only by our desire to afford our customers and service providers a level of sales, marketing, engineering and service support unsurpassed in the business.



We are implementing one of the industry's most advanced training, education and self-development programs for our personnel, and for those of our service providers. This not only ensures that every Daikin product is supported by the most professional, highly skilled people in the industry, but will also give you the confidence that comes from knowing that when you choose Daikin, you'll receive Absolute Comfort from a level of service second to none.



variable
refrigerant
volume

ONLY ONE SYSTEM HAS BEEN DESIGNED TO DELIVER ABSOLUTE COMFORT.

When Daikin developed the world's first variable refrigerant volume (VRV®) system, our goal was to build a solution unlike any other. One that not only elevates the level of high performance, but is equipped with advanced built-in intelligence and flexibility that could truly enhance the way you live. A revolutionary solution that could be constantly refined to respond instantly to your needs, delivering an unparalleled level of control and Absolute Comfort.

So it's easy to appreciate the genius of VRV when you consider today's intelligent buildings, such as hotels, banks, offices and hospitals. Many are designed with large areas of glass that instantly react to conditions outside. This can cause extreme fluctuations of temperature internally that can only be controlled with an advanced air-conditioning system. In addition, electronic office equipment, lighting systems and occupancy rates can raise thermal loads even further, increasing the demands on the system and raising the expectations of those who use it.

To meet those demands – and exceed those expectations – the ideal system must offer **advanced zoning capabilities**, and provide **enhanced energy efficiency, space-saving design** and **reliability**. It must also be easy to install, highly flexible and user friendly – as well as have the capacity to streamline central management and control facilities in medium and large buildings.

**That System Is Daikin's Advanced VRV.
Delivering Absolute Comfort.**





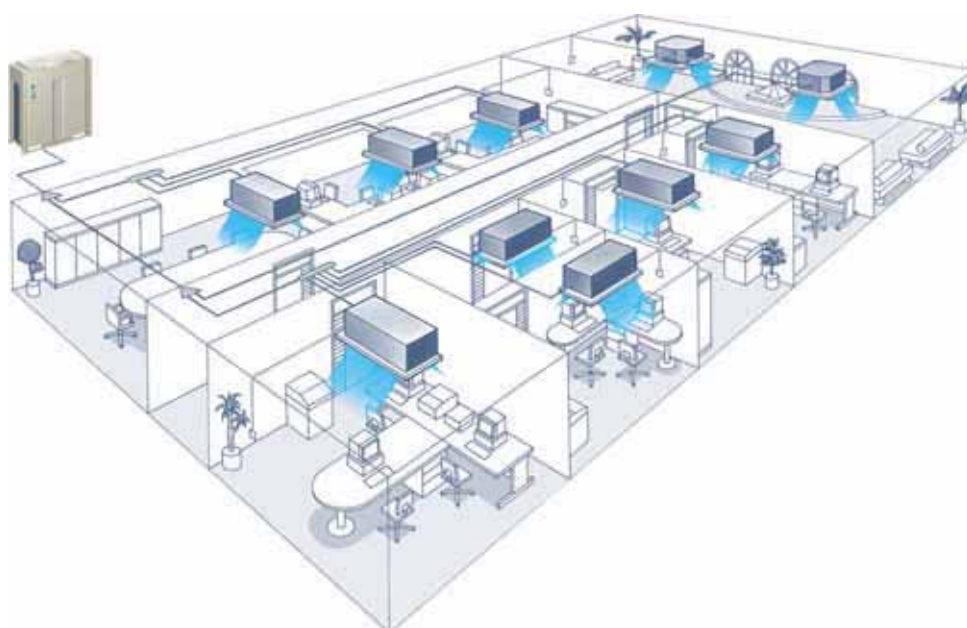
VRV. HOW DOES IT WORK?

At the heart of our system is a highly intelligent inverter-driven compressor. This advanced technology enables the output of the outdoor unit to be modulated by the cooling or heating demands of the zone that it controls. Available in both

heat pump and heat recovery formats, this advanced system allows for individual control of up to 20 indoor units of varying capacities and types at a connection ratio of 50%–130%, compared to outdoor unit capacity.

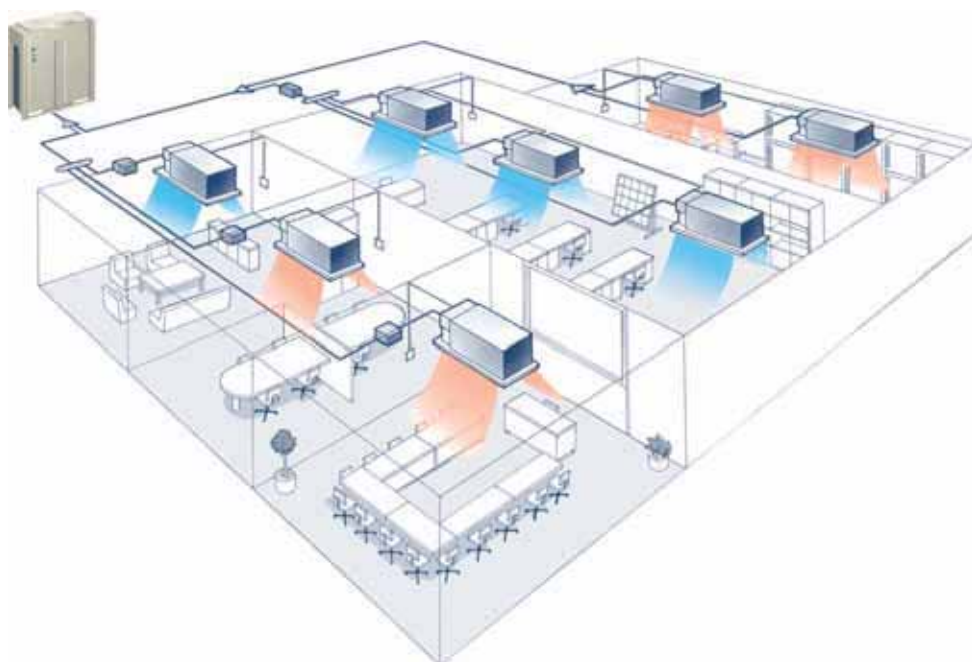
Inverter Heat Pump

- One system for either cooling or heating



Inverter Heat Recovery

- One system provides simultaneous cooling and heating





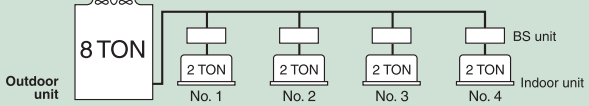
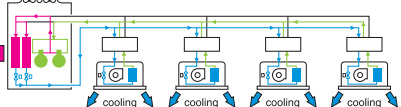
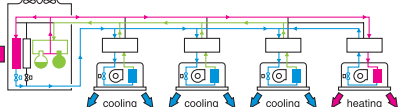
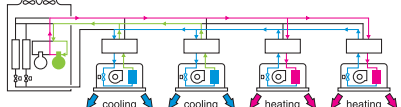
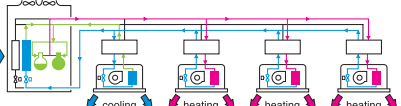
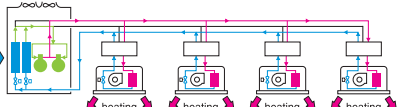
what is heat recovery?

Commercial office buildings are subject to the fluctuating heat levels generated from electronic office equipment, lighting and varying occupant levels. The heat recovery system offers the perfect solution for stabilizing the air temperature by providing all the features of a heat pump system – and the added flexibility of **simultaneous** cooling and heating from one refrigerant pipe network.

The heat recovery function is achieved by diverting exhaust heat from indoor units in cooling mode to areas requiring heating, and uses a Branch Selector (BS) unit to switch the indoor units from cooling to heating mode.

The VRV system keeps running costs at an absolute minimum by controlling each zone individually and being able to shut down completely in unoccupied areas.

ABSOLUTE COMFORT: INCREASED ENERGY SAVINGS BY HEAT RECOVERY

Heat recovery operation mode				Total load			Standard ratio of power input for outdoor unit		
				Cooling load (equipment TON)	Heating load (equipment TON)	Unit load (equipment TON)	Heat radiation to outdoor air (equipment TON)	Heat absorption from outdoor air (equipment TON)	Compressor power ratio
(A)	Heat radiation operation (all cooling operation)	Heat release		8	—	8	8	—	100
(B)	Heat radiation tendency heat recovery operation (mainly cooling, part heating operation)	Heat release		6	2	8	4	—	48
(C)	Heat recovery operation (cooling and heating operation)			4	4	8	—	—	47
(D)	Heat absorption tendency heat recovery operation (mainly heating, part cooling operation)	Heat absorption		2	6	8	—	4	72
(E)	Heat absorption operation (all heating operation)	Heat absorption		—	8	8	—	8	89

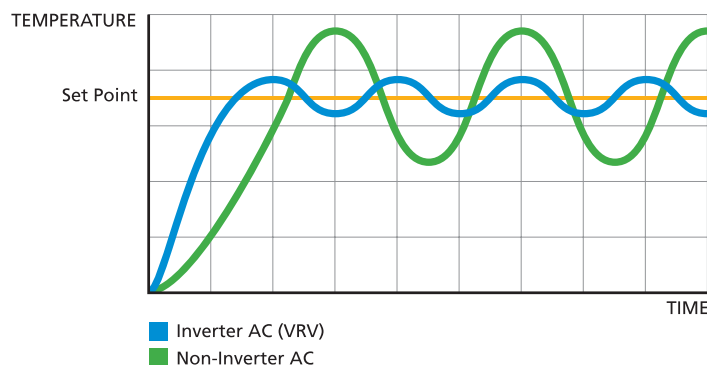


ABSOLUTE COMFORT – TECHNOLOGY THAT GIVES YOU COMPLETE CONTROL

The VRV system integrates cutting-edge inverter technology to give you total control over your entire building.

INVERTER TECHNOLOGY

The VRV system uses a variable Proportional Integral Derivative (PID) control system. This intelligent system gives added control over the rotational speed of the compressors, which allows the amount of refrigerant flowing in the system to vary depending upon fluctuating needs. This delivers maximum efficiency during partial load conditions by abbreviating the control steps into smaller units, providing precise temperature control in all zones.

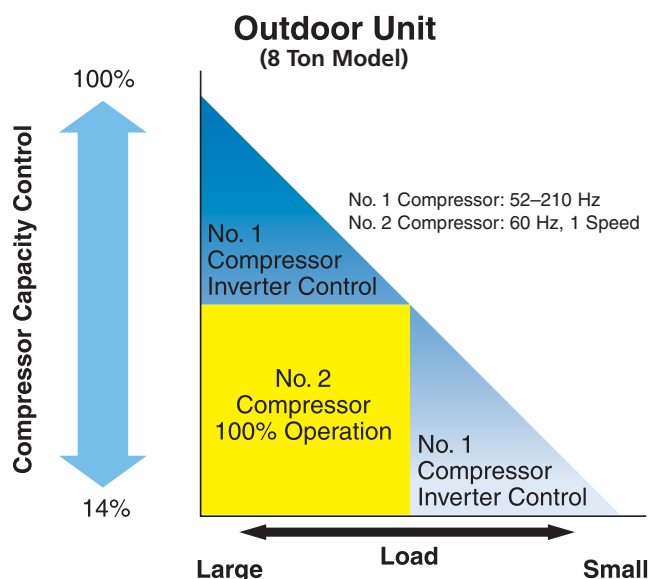


PRECISE ROOM TEMPERATURE CONTROL

Each indoor unit incorporates an electronic expansion valve that continually controls the flow rate of refrigerant. In this way, the VRV system maintains a nearly constant room temperature without the typical temperature fluctuations that occur with a conventional ON/OFF control system. The extremely refined PID control maintains room temperature to within $\pm 1^{\circ}\text{F}$ of the set temperature.

LESS FREQUENT STOP/START CYCLE

By using multiple compressors to regulate capacity, switching losses or power surges are minimized. And by utilizing multiple 4-ton inverter compressors, the system ensures a standby capacity.



absolute
comfort –
setting the
industry
standard



Neodymium
Magnet



Ferrite
Magnet



Reluctance Brushless
DC Compressor

OPTIMIZED R-410A DESIGN

R-410A

This industry benchmark is the world's first R-410A operated variable refrigerant volume (VRV) system and represents a considerable advance in efficiency over competitive systems.

1 AERO FITTING GRILLE AND AERO SPIRAL FAN

These smart design features create a compact, low-noise fan with a large airflow.

2 DC FAN MOTOR

Compared to conventional AC motors, a DC fan motor offers greater operating efficiency, especially during low-speed rotation.

3 SINE WAVE DC CONVERTER

Optimizing the sine wave curve results in smoother motor rotation and improved motor efficiency.

4 E-PASS HEAT EXCHANGER

Improved heat transfer is achieved by optimizing the path layout of the heat exchanger, resulting in greater exchanger efficiency.

5 RELUCTANCE BRUSHLESS DC COMPRESSOR

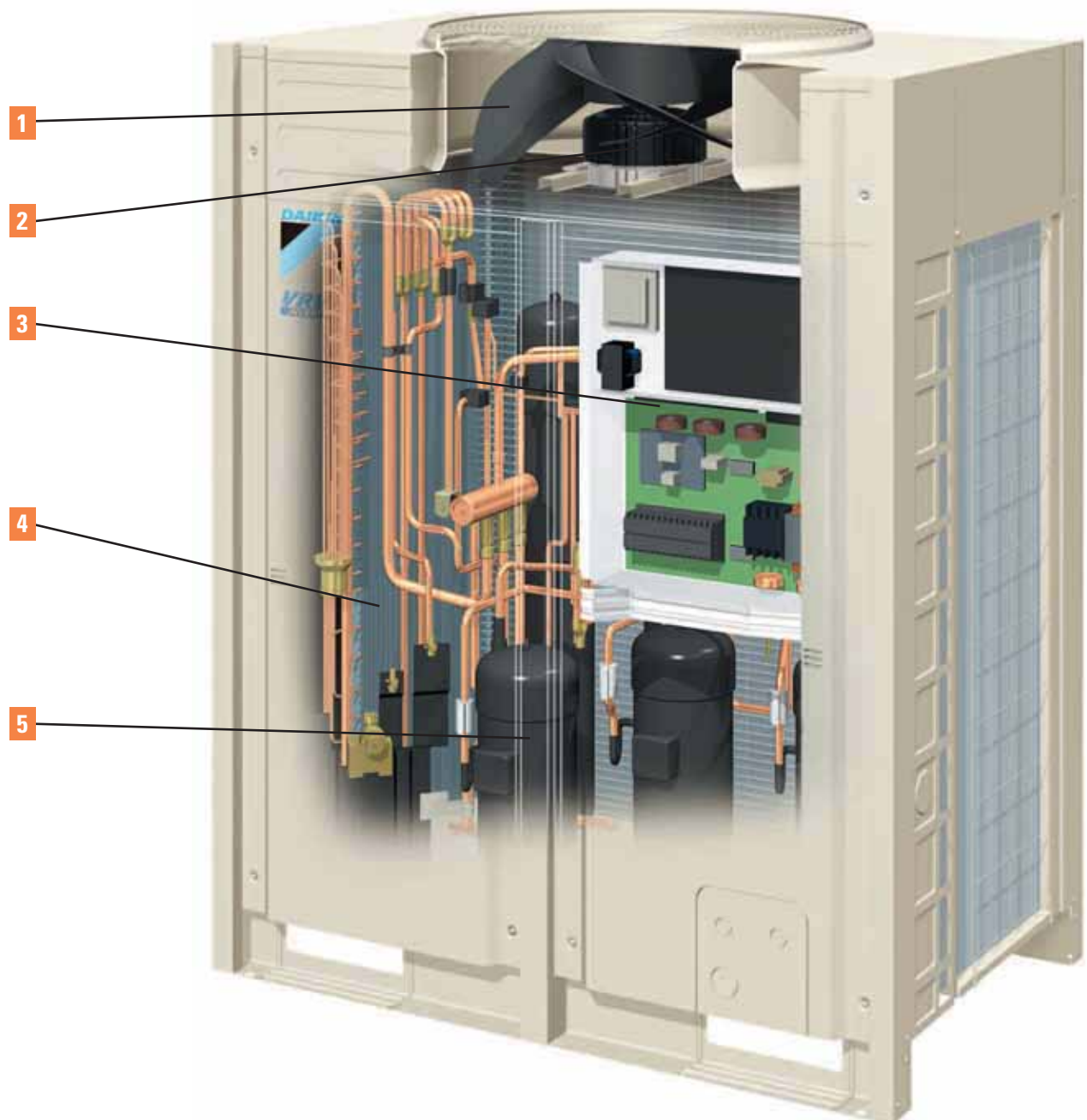
This compressor provides significant increases in efficiency compared to conventional AC inverter motors, simultaneously using two different forms of torque (normal and reluctance) to produce extra power from small electric currents.

The motor comprises powerful neodymium magnets that generate the reluctance torque. These magnets are approximately 12 times stronger than ferrite magnets and contribute to its substantial energy-saving performance.



i-DEMAND FUNCTION

With Power Consumption Management, you can limit the peak operation of the system to accommodate the building's energy supply.





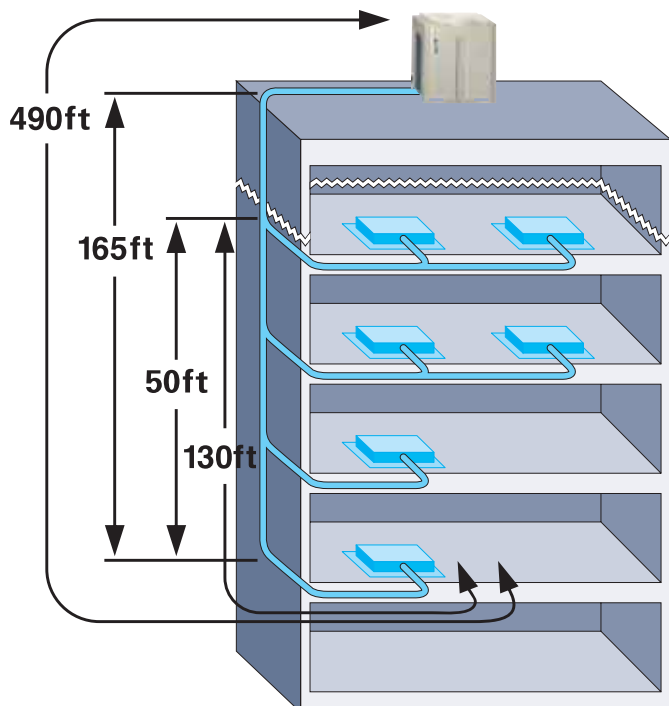
absolute
comfort –
flexibility
that works
around
you



REFNET Header



REFNET Joint



The VRV system's compact, modular design can accommodate practically any floor layout, allowing greater utilization of space.

REFNET PIPING: ANOTHER DAIKIN FIRST

Invented by Daikin, the advanced REFNET piping system is easy to install, and provides greater design flexibility than other competitive systems. Compared to regular T-joints and headers, the unique REFNET design increases system reliability and optimizes refrigerant flow.

LONG PIPE DESIGN: CREATE A SYSTEM THAT IS BUILT AROUND YOU

With long pipe design, outdoor units can be installed on the rooftop of a building, so full advantage can be taken of interior space:

- 490 ft. actual length or 575 ft. equivalent piping length to the most distant indoor unit
- 165 ft. height difference
- 50 ft. level difference between indoor units
- 130 ft. from first distribution point
- 1,000 ft. total piping length

NO STRUCTURAL REINFORCEMENT NECESSARY

The application of galbarium steel allows for the use of block foundations instead of full-beam foundations. And due to the outdoor unit's lightweight and vibration-free construction, floors do not need to be reinforced, which reduces overall building costs.

FLOOR-BY-FLOOR FLEXIBILITY

During construction or renovation, the system's advanced zoning capabilities allow each floor to be occupied upon completion.

advantages: engineer and architect

Freedom of design and technological flexibility are every architect's dream and every engineer's goal. At Daikin, we're doing everything we can to help make this a reality. Our advanced VRV system gives you all the opportunities and solutions you need. Opportunities to make the most of any space or structure. And innovative solutions that address any design challenge. Our proprietary software tool lets you incorporate specific client requirements creatively, efficiently and cost-effectively.

SOFTWARE-BASED DESIGN TOOL

Just about anything's possible with our proprietary, cutting-edge System Design & Selection Tool. Use it to design a system that fits seamlessly into the most awkward space, calculate system performance and ensure that all necessary design parameters are included in specification and engineering drawings.

DESIGN-FRIENDLY PIPING NETWORK

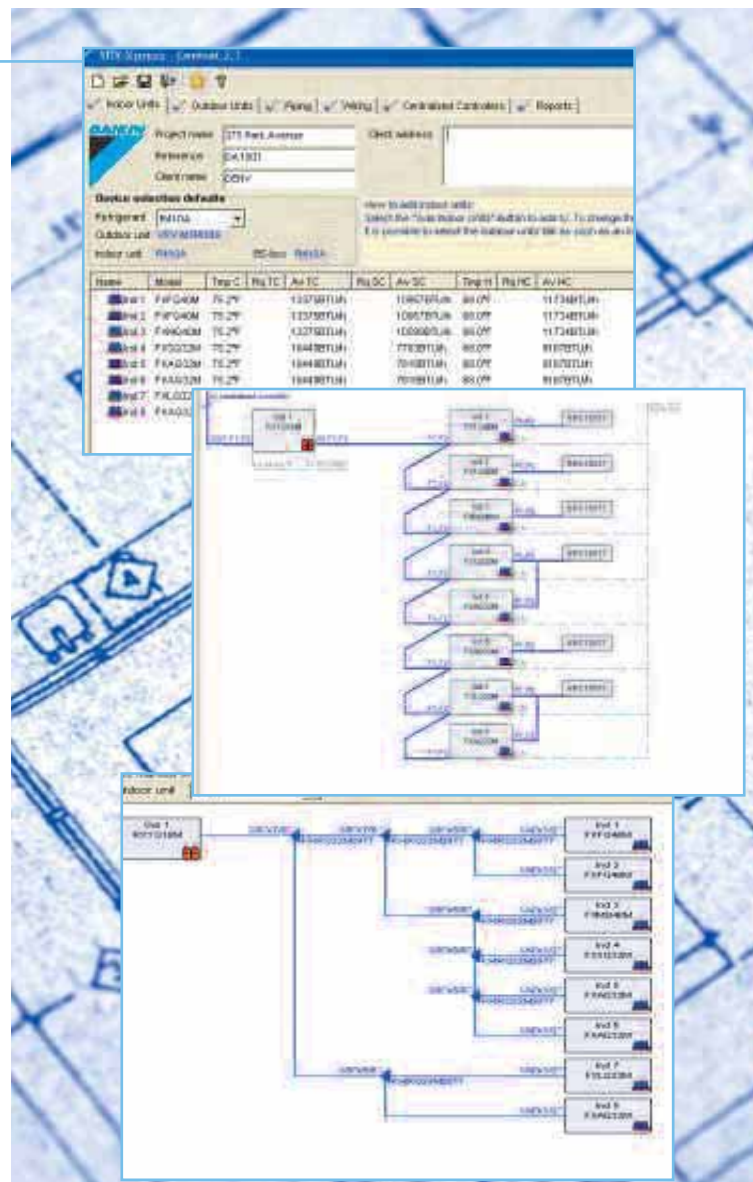
Our innovative piping network provides more flexibility for more customizable design options. With Daikin, pipe lengths are permitted up to 490 ft. actual length, 165 ft. height difference, 130 ft. from first distribution point, 50 ft. level difference between indoor units and 1,000 ft. total piping length.

EASY INTEGRATION INTO BMS

Streamline your central management and control facilities instantly with advanced Building Management Systems (BMS) via the Daikin BACnet® and LonWorks® Networks Compatible Gateways. Alternative BMS solutions can be provided with the use of Daikin interface PCBs.

FLOOR-BY-FLOOR INSTALLATION (INCLUDING FAST COMMISSIONING)

Our VRV system makes this possible with its highly flexible and simple Super Wiring and REFNET piping systems, and an outdoor unit with a fan motor that has the external static pressure of up to 60Pa (0.24" WG). This means you can design a system with an outdoor unit located internally on each floor, with air circulated through short ductwork.



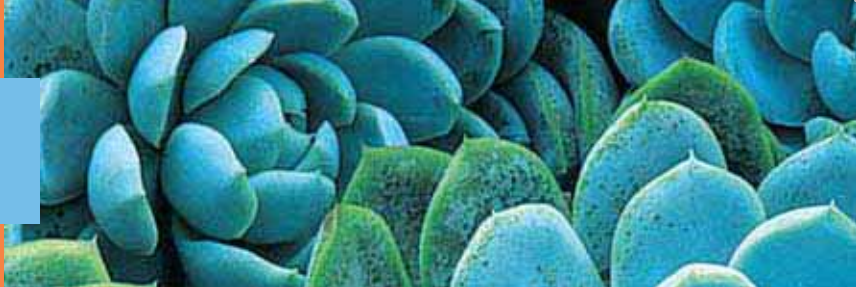


advantages: contractor

From the moment you study the blueprints to the time you complete the installation of a Daikin VRV system, you'll be struck by how quickly, smoothly and efficiently everything comes together. The system's compact and lightweight units, along with its flexible piping and wiring design, simplify the entire process, so you achieve faster turnaround time per project. With improved efficiencies in time and labor come increased productivity and greater profitability. Bottom line, Daikin provides everything you could wish for from an installation.

QUICK INSTALLATION, ENHANCED PRODUCTIVITY

Daikin's advanced VRV system takes less time to install than a conventional ducted system. Faster turnaround time means that you can increase the number of installations per year, complete more projects and achieve greater productivity per man-hour.



SIMPLIFIED PIPING SELECTION AND DESIGN

Another Daikin innovation: Our REFNET piping system substantially reduces the time and labor needed for installation. Pipe sizing throughout the refrigerant network is determined by simple extraction from tabular data, and distribution is via REFNET joints and headers. Unlike conventional ducted systems, our VRV system is factory engineered when delivered.

SUPER WIRING SYSTEM

Super Wiring; Super Efficiency. Our nonpolarized, two-wire multiplex transmission system makes it possible to connect up to 1,024 indoor units on a single wiring system. This trouble-free system simplifies the entire wiring operation and eradicates control errors on commissioning.

ADVANCED DIAGNOSTICS

During operation, the VRV system is so responsive, the advanced self-diagnostic auto-check function will alert you to a problem, so you can resolve it quickly and effectively.

COMPACT, LIGHTWEIGHT UNITS

Designed with superior space-saving capabilities, Daikin's indoor units can be installed practically anywhere. Our lightweight outdoor units can be transported in building elevators with no special cranes or lifting equipment necessary.



advantages: building owner

Superior zoning and spacing capabilities. Energy efficient. Unmatched reliability. Fast installation. These are just some of the attributes you should insist upon when choosing an air-conditioning system. And Daikin's VRV provides them all and more. The system's unique, modular design is the answer to all your space-saving concerns. With advanced zoning technology you have complete control over your entire building – floor by floor, zone by zone, room by room – which provides you with two more very important benefits: enhanced energy efficiency and lower operating costs.

REDUCED OPERATING COSTS

It's simple: greater energy efficiency greatly reduces your operating costs. Daikin's VRV system makes this possible because it allows you to control each room individually. You can even shut down operations in zones or rooms that are not in use. In addition, advanced inverter technology allows for precise temperature control so AC levels can match room conditions.

EFFICIENT USE OF SPACE

Thanks to longer pipe design capabilities, the distance between indoor and outdoor units can be as great as 490 feet. This allows you to place our lightweight outdoor units on the rooftop, with minimal structural reinforcement, and free up valuable space inside.

SHORT INSTALLATION TIME

The simplicity of Super Wiring and REFNET piping systems helps reduce both the time and cost of installation. And because these systems can be installed on a floor-by-floor basis, occupants can move in as each floor is completed.

CONTINUOUS RELIABILITY

Smooth, continuous operation is guaranteed with Daikin's VRV system. Because each zone or room can be individually air conditioned, any problems that might arise can be resolved room by room or unit by unit, without disrupting operation to the entire building.





advantages: occupant/end user

Imagine a system that allows you to create the perfect environment. The ideal temperature. Technology that's responsive and intelligent. Technology so advanced, the results are simply breathtaking. That's the promise of Daikin's VRV system. With all the comfort and control you could ever wish for – a personalized comfort zone all your own. And because our revolutionary system blends Comfort-Quiet technology with compact design, you can feel perfection without having to hear or see where it's coming from.



INDIVIDUAL COMFORT AND CONTROL

Total control brings greater comfort. With our VRV system, each room or zone can have its own separate indoor unit and thermostat. This provides you with personalized comfort settings throughout the building. For example, if the temperature in a particular zone changes throughout the day – such as in a conference room – the inverter automatically adjusts the refrigerant flow to deliver the correct amount of heating or cooling. And with the system's sophisticated PID control, room temperature can be maintained to within $\pm 1^{\circ}\text{F}$ of the set temperature, which is seldom possible with a conventional ON/OFF control system.

LCD REMOTE CONTROL

Create the perfect environment with Daikin's super-intelligent system controller. Its large, Liquid Crystal Display (LCD) is easy to read. And its functions are so simple to use. At the touch of a button, you can set mode and temperature. Monitor individual zones or rooms. Check airflow volume, and much more. Here's everything needed to create personalized comfort zones.

COMFORT-QUIET OPERATION

You can hear yourself think with a VRV system. With a low-operating sound level, all Daikin indoor units deliver maximum performance – comfort-quietly. At night, the sound level of our outdoor unit can be reduced by setting the unit's night setback function.



Daikin's advanced, reliable, energy-efficient and flexible VRV air-conditioning system can deliver Absolute Comfort to practically any building of any shape, size or age. That's why it's the ideal solution for schools, hotels, financial institutions, offices, hospitals, stores, restaurants and much more.





RXYQ/REYQ outdoor units



Outdoor Unit

RXYQ96/REYQ96



RXYQ192/REYQ192



BSVQ

Branch Selector Unit

Compact. Modular. Robust. Cost-efficient.

More compact than conventional outdoor units, our inverter heat pump and heat recovery units can be easily transported via elevator, and need no structural reinforcement once installed. In the unlikely event of a compressor malfunction, the backup function takes over to deliver 75-percent capacity (192 models) during emergency operation, eliminating the need for expensive standby equipment.

Inverter Heat Pump and Heat Recovery Units

- Inverter heat pump allows for either cooling or heating from one system
- For greater energy efficiency and zoning, the heat recovery unit provides **simultaneous** operation of heating and cooling within the same circuit
- Up to 20 indoor units can be operated from a single outdoor unit using a variable-speed compressor system with 29 capacity steps
- Continuous operation 0°F DB (-5°F WB) – 64°F DB (60°F WB) in heating mode and 23°F DB – 110°F DB in cooling mode
- The optimized scroll compressor design for R-410A and Daikin's oil-equalizing technology guarantee an energy-efficient operation with flexible piping lengths of up to 490 ft., for a total combined length of up to 1,000 ft.
- Anticorrosion treatment standard

RXYQ/REYQ SPECIFICATIONS

Model Name		RXYQ96MTJU	RXYQ192MTJU	REYQ96MTJU	REYQ192MTJU
Unit Type		Heat Pump	Heat Pump	Heat Recovery	Heat Recovery
Max No. of Indoor Units		10	20	10	20
Power Supply		3ph 208–230V 60Hz	3ph 208–230V 60Hz	3ph 208–230V 60Hz	3ph 208–230V 60Hz
Nominal Cooling Capacity	Btu/h (Ton)	96,000 (8 Ton)	192,000 (16 Ton)	96,000 (8 Ton)	192,000 (16 Ton)
Cooling Input Power	kW	8.67	17.3	8.67	17.3
Nominal Heating Capacity	Btu/h	108,000	216,000	108,000	216,000
Heating Input Power	kW	9.19	18.4	9.19	18.4
EER - Cooling Mode	Btu/h/W	11.1	11.1	11.1	11.1
Refrigerant - R410A	lbs.	25.1	25.1 + 25.1	27.3	27.3 + 27.3
Operating Range - Cooling	°F DB	23–110	23 – 110	23–110	23 – 110
Operating Range - Heating	°F DB/°F WB	0–64/-5–60	0-64/-5-60	0–64/-5–60	0-64/-5-60
Condensing Unit Weight	lbs.	650	650 + 650	650	650 + 650
Condensing Unit Height	in.	64	64	64	64
Condensing Unit Width	in.	49	49 + 49	49	49 + 49
Condensing Unit Depth	in.	30	30	30	30
Outdoor Fan Airflow Volume	cfm	7400	7,400 + 7,400	7400	7,400 + 7,400
Compressor Type		2x Daikin Scroll	4x Daikin Scroll	2x Daikin Scroll	4x Daikin Scroll
Compressor Set-up		INV(d) + 1 DOL(c)	2 INV(d) + 2 DOL(c)	INV(d) + 1 DOL(c)	2 INV(d) + 2 DOL(c)
Connection Flexibility Index	Btu/h 1000	48–125	96 – 250	48–125	96 – 250
CDU External Static Pressure	in. WG	0.24" Max	0.24" Max	0.24" Max	0.24" Max
Sound Pressure Level	dB(A)	60	63	60	63
Pipe Connections	Suction Gas in.	7/8" Brazing	1-1/8" Brazing	7/8" Brazing	1-1/8" Brazing
	Discharge Gas in.	—	—	3/4" Flare	7/8" Brazing
	Liquid in.	3/8" Flare	5/8" Brazing	3/8" Flare	5/8" Brazing
	Oil equalizing pipe in.	—	1/4" Flare	—	1/4" Flare
Protection Devices	High Pressure Switch, Fan Driver Overload Protector, Over Current Relay, Inverter Overload Protector, Fusible Plug				
Recommended Fuse/Breaker	A	70	70 + 70	70	70 + 70
Nominal Conditions:	Cooling Mode	Heating Mode	Notes:		
	Indoor: 80 °F DB / 67 °F WB	Indoor: 70 °F DB	a. Specifications are subject to change without notice.		
	Outdoor: 95 °F DB	Outdoor: 47 °F DB / 43 °F WB	b. Data not available at time of press.		
	Pipe Length: 25 ft.	Pipe Length: 25 ft.	c. DOL: Direct On Line (single speed)		
	Level Difference: 0 ft.	Level Difference: 0 ft.	d. INV: Inverter (variable speed)		

REYQ BRANCH SELECTOR UNIT (BSVQ) SPECIFICATIONS

Model Name		BSVQ36MVJU	BSVQ60MVJU
Power Supply		1ph 208/230V 60Hz	1ph 208/230V 60Hz
Connection Capacity	Btu/h	36,000	60,000
No. of Indoor Units	Maximum	3	5
Unit Weight	lbs.	18	18
Unit Height	in.	7 1/4	7 1/4
Unit Width	in.	12 1/4	12 1/4
Unit Depth	in.	11	11
Pipe Work Connections	Suction Gas in.	5/8" Flare	5/8" Flare
Outdoor Unit Side	Discharge Gas in.	1/2" Flare	1/2" Flare
	Liquid in.	3/8" Flare	3/8" Flare
Pipe Work Connections	Gas in.	5/8" Flare	5/8" Flare
Indoor Unit Side	Liquid in.	3/8" Flare	3/8" Flare
External Finish		Galvanized Steel Plate	Galvanized Steel Plate
Recommended Fuse/Breaker	A	15	15

RXYQ/REYQ ACCESSORIES

Model Name	RXYQ96MTJU	RXYQ192MTJU	REYQ96MTJU	REYQ192MTJU
Unit Type	Heat Pump	Heat Recovery	Heat Pump	Heat Recovery
Cool/Heat Selector	KRC19-26A	KRC19-26A	-	-
Fixing Box	KJB111A	KJB111A	-	-
REFNET Joint	KHRP26M22T	KHRP26M22T	KHRP25M22T	KHRP25M22T
REFNET Joint	KHRP26M33T	KHRP26M33T	KHRP25M33T	KHRP25M33T
REFNET Joint	-	KHRP26M72TU	-	KHRP25M72TU
REFNET Header	KHRP26M22H	KHRP26M22H	-	-
REFNET Header	KHRP26M33H	KHRP26M33H	KHRP25M33H	KHRP25M33H
REFNET Header	KHRP26M72H	KHRP26M72H	-	KHRP25M72H
Outdoor unit multi connection piping kit	-	BHFP22M90U	-	BHFP26M90U
Central drain pan kit	KWC26B180	KWC26B180	KWC26B180	KWC26B180



FXMQ concealed ceiling unit (medium static)



Concealed. Powerful. Compact. Reliable.

For large, well-populated spaces in need of a concealed air-conditioning system, you can count on our ceiling-mounted duct air conditioner. This extremely powerful unit's compact design allows it to be completely concealed – and is perfect for any medium to large office, restaurant, shop, or even hotel ballroom.

- Flexible, space-saving design helps maximize floor and wall space
- Advanced zoning capabilities make it ideal for use in large areas
- Allows the connection of nearly 1" WG of ductwork
- Models range from 30,000 Btu/h to 48,000 Btu/h
- Optional drain pump and high-efficiency filters





FXMQ SPECIFICATIONS

Model Name		FXMQ30MVJU	FXMQ36MVJU	FXMQ48MVJU
Power Supply		1ph 208–230V 60Hz	1ph 208–230V 60Hz	1ph 208–230V 60Hz
Cooling Capacity	Btu/h	30,000	36,000	48,000
Heating Capacity	Btu/h	34,000	40,000	54,000
Refrigerant		R410A	R410A	R410A
Refrigerant Control		Electronic Expansion Valve		
Airflow Rate H/L	cfm	690 / 565	1020 / 810	1270 / 1020
Unit Weight	lbs.	99	139	144
Unit Height	in.	15 3/8	15 3/8	15 3/8
Unit Width	in.	28 3/8	43 3/4	43 3/4
Unit Depth	in.	27 1/8	27 1/8	27 1/8
Sound Pressure H/L	dB(A)	45 / 41	45 / 41	48 / 45
External Static Pressure	H/L in. WG	0.66" / 0.43"	0.71" / 0.43"	1.00" / 0.72"
Unit Condensate Connection	in. O.D.	1 1/4"	1 1/4"	1 1/4"
Pipe Connections	Gas in.	5/8" Flare	5/8" Flare	5/8" Flare
	Liquid in.	3/8" Flare	3/8" Flare	3/8" Flare
External Finish		Galvanized Steel Plate		
Protection Devices		Fuse		
		Fan Motor Thermal Protector		
Recommended Fuse/Breaker	A	15	15	15

Nominal Conditions:

Cooling Mode

Indoor: 80 °F DB / 67 °F WB
Outdoor: 95 °F DB
Pipe Length: 25 ft.
Level Difference: 0 ft.

Heating Mode

Indoor: 70 °F DB
Outdoor: 47 °F DB / 43 °F WB
Pipe Length: 25 ft.
Level Difference: 0 ft.

Note:

Specifications are subject to change without notice.

FXMQ ACCESSORIES

Model Name		FXMQ30MVJU	FXMQ36MVJU	FXMQ48MVJU
Wired Remote Controller		BRC1C71	BRC1C71	BRC1C71
Simplified Wired Remote Controller		BRC2A71	BRC2A71	BRC2A71
Wireless Remote Controller		BRC4C	BRC4C	BRC4C
Remote Sensor Kit		KRCS01-1	KRCS01-1	KRCS01-1
High-Efficiency Filter	65%	KAFP302A80	KAFP372A160	KAFP372A160
High-Efficiency Filter	90%	KAFP373A80	KAFP373A160	KAFP373A160
Filter Chamber		KDDFP37A80	KDDFP37A160	KDDFP37A160
Long-Life Filter		KAFP371A80	KAFP371A160	KAFP371A160
Drain Pump Accessory		KDU-30L125VE	KDU-30L125VE	KDU-30L125VE

FXMQ CONTROLLERS



BRC1C71
Wired Remote Controller



BRC4C
Wireless Remote Controller



BRC2A71
Simplified Wired Remote Controller



FXSQ concealed ceiling unit



Elegant. Quiet. Flexible. Invisible.

An intelligent option for smaller zones, the FXSQ is a very quiet, ceiling-concealed unit that blends perfectly into any décor. In fact, only a few grids are visible on the ceiling, making it perfect for use in restaurants, exclusive stores, hotel rooms, reception areas and offices.

- Compact design helps maximize space in small zones
- Can be used with flexible ducts of varying lengths
- Sound pressure level as low as 35dB(A) makes it ideal for hotels, offices and exclusive stores
- Electrical panel can be reached from the side or bottom for ease of service and maintenance
- Fitted with a long-life filter and drain pump as standard
- Models range from 12,000 Btu/h to 48,000 Btu/h
- The air suction direction can be altered from rear to bottom suction



FXSQ SPECIFICATIONS

Model Name		FXSQ12MVJU	FXSQ18MVJU	FXSQ24MVJU	FXSQ30MVJU	FXSQ36MVJU	FXSQ48MVJU
Power Supply		1ph 208-230V 60Hz					
Cooling Capacity	Btu/h	12,000	18,000	24,000	30,000	36,000	48,000
Heating Capacity	Btu/h	13,500	20,000	27,000	34,000	40,000	54,000
Refrigerant		R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant Control		Electronic Expansion Valve					
Airflow Rate H/L	cfm	340 / 230	530 / 390	740 / 490	950 / 720	990 / 740	1300 / 950
Unit Weight	lbs.	69	73	95	119	119	122
Unit Height	in.	11 7/8	11 7/8	11 7/8	11 7/8	11 7/8	11 7/8
Unit Width	in.	21 5/8	27 1/2	27 1/2	55 1/8	55 1/8	55 1/8
Unit Depth	in.	31 1/2	31 1/2	31 1/2	31 1/2	31 1/2	31 1/2
Sound Pressure H/L	dB(A)	41 / 35	44 / 38	44 / 38	45 / 39	45 / 39	48 / 43
External Static Pressure	H/M/L in. WG	0.37"/0.19"/0.06"	0.38"/0.19"/0.06"	0.51"/0.29"/0.06"	0.57"/0.39"	0.57"/0.35"	0.34"/0.10"
Unit Condensate Connection	in. O.D.	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Drain Pump Lift	in.	24 1/2"	24 1/2"	24 1/2"	24 1/2"	24 1/2"	24 1/2"
Pipe Connections	Gas in.	1/2" Flare	1/2" Flare	5/8" Flare	5/8" Flare	5/8" Flare	5/8" Flare
	Liquid in.	1/4" Flare	1/4" Flare	3/8" Flare	3/8" Flare	3/8" Flare	3/8" Flare
External Finish		Galvanized Steel Plate					
Protection Devices		Fuse					
		Fan Motor Thermal Protector					
Recommended Fuse/Breaker	A	15	15	15	15	15	15
Standard Filter Type		Resin Net (with Mold Resistant)					

Nominal Conditions:

Cooling Mode

Indoor: 80 °F DB / 67 °F WB
 Outdoor: 95 °F DB
 Pipe Length: 25 ft.
 Level Difference: 0 ft.

Heating Mode

Indoor: 70 °F DB
 Outdoor: 47 °F DB / 43 °F WB
 Pipe Length: 25 ft.
 Level Difference: 0 ft.

Note:

Specifications are subject to change without notice.

FXSQ ACCESSORIES

Model Name		FXSQ12MVJU	FXSQ18MVJU	FXSQ24MVJU	FXSQ30MVJU	FXSQ36MVJU	FXSQ48MVJU
Wired Remote Controller		BRC1C71	BRC1C71	BRC1C71	BRC1C71	BRC1C71	BRC1C71
Simplified Wired Remote Controller		BRC2A71	BRC2A71	BRC2A71	BRC2A71	BRC2A71	BRC2A71
Wireless Remote Controller		BRC4C	BRC4C	BRC4C	BRC4C	BRC4C	BRC4C
Decoration Panel		BYBS32DJW1	BYBS45DJW1	BYBS71DJW1	BYBS125DJW1	BYBS125DJW1	BYBS125DJW1
Access Panel		KTBJ25K36W	KTBJ25K56W	KTBJ25K80W	KTBJ25K160W	KTBJ25K160W	KTBJ25K160W
Remote Sensor Kit		KRCS01-1	KRCS01-1	KRCS01-1	KRCS01-1	KRCS01-1	KRCS01-1
High-Efficiency Filter	65%	KAFJ252L36	KAFJ252L56	KAFJ252L80	KAFJ252L160	KAFJ252L160	KAFJ252L160
High-Efficiency Filter	90%	KAFJ253L36	KAFJ253L56	KAFJ253L80	KAFJ253L160	KAFJ253L160	KAFJ253L160
Long-Life Replacement Filter		KAFJ251L36	KAFJ251L56	KAFJ251L80	KAFJ251L160	KAFJ251L160	KAFJ251L160
Filter Chamber, Bottom Suction		KAJ25L36D	KAJ25L56D	KAJ25L80D	KAJ25L160D	KAJ25L160D	KAJ25L160D
Filter Chamber, Rear Suction		KAJ25L36B	KAJ25L56B	KAJ25L80B	KAJ25L160B	KAJ25L160B	KAJ25L160B
Air Suction Canvas		KSA-25K36	KSA-25K56	KSA-25K80	KSA-25K160	KSA-25K160	KSA-25K160
Screening Door		KBBJ25K36	KBBJ25K56	KBBJ25K80	KBBJ25K160	KBBJ25K160	KBBJ25K160
Air Suction Flange		KDJ2507K36	KDJ2507K56	KDJ2507K80	KDJ2507K160	KDJ2507K160	KDJ2507K160
Air Discharge Adaptor		KDAJ25K36	KDAJ25K56	KDAJ25K80	KDAJ25K160	KDAJ25K160	KDAJ25K160

FXSQ CONTROLLERS



BRC1C71

Wired Remote Controller



BRC4C

Wireless Remote Controller



BRC2A71

Simplified Wired Remote Controller



FXFQ 4-way ceiling-mounted cassette



Silent. Elegant. Customizable. Low-maintenance.

From corner stores to offices, classrooms to hospital wards, our elegant ceiling-mounted cassette units provide low-noise, customizable comfort. Airflow can be sent in any of four directions, and the ability to shut down one or two sides allows for easy corner installation.

- Sound pressure levels are as low as 28dB(A)
- Space-saving depth of units requires only 9.4" of ceiling space
- Three auto-swing positions to choose from – standard, draft prevention and ceiling stain prevention
- Simple installation with an easy-to-fit decoration panel, easy height adjustment and a suction grille that can rotate up to 90°
- Easy-to-clean grille, washable long-life filter and optional high-efficiency filters
- Trouble-free drain pump inside the unit
- Models range from 12,000 Btu/h to 36,000 Btu/h





FXFQ SPECIFICATIONS

Model Name		FXFQ12MVJU	FXFQ18MVJU	FXFQ24MVJU	FXFQ30MVJU	FXFQ36MVJU
Power Supply		1ph 208-230V 60Hz				
Cooling Capacity	Btu/h	12,000	18,000	24,000	30,000	36,000
Heating Capacity	Btu/h	13,500	20,000	27,000	34,000	40,000
Refrigerant		R410A	R410A	R410A	R410A	R410A
Refrigerant Control		Electronic Expansion Valve				
Airflow Rate H/L	cfm	460 / 350	570 / 390	670 / 490	990 / 710	990 / 740
Unit Weight	lbs.	55	55	55	66	66
Unit Height	in.	9 1/8	9 1/8	9 1/8	11 3/8	11 3/8
Unit Width	in.	33 1/8	33 1/8	39 3/8	33 1/8	33 1/8
Unit Depth	in.	33 1/8	33 1/8	33 1/8	33 1/8	33 1/8
Sound Pressure H/L	dB(A)	31 / 28	33 / 28	34 / 29	38 / 32	40 / 33
Unit Condensate Connection	in. O.D.	1 1/4"	1 1/4"	1 1/4"	1 1/4"	1 1/4"
Drain Pump Lift	in.	21"	21"	21"	21"	21"
Pipe Connections	Gas in.	1/2" Flare	1/2" Flare	5/8" Flare	5/8" Flare	5/8" Flare
	Liquid in.	1/4" Flare	1/4" Flare	3/8" Flare	3/8" Flare	3/8" Flare
External Finish		Galvanized Steel Plate				
Protection Devices		Fuse				
		Fan Motor Thermal Protector				
Recommended Fuse/Breaker	A	15	15	15	15	15
Filter Type		Resin Net (with Mold Resistant)				

Nominal Conditions:

Cooling Mode

Indoor: 80 °F DB / 67 °F WB
 Outdoor: 95 °F DB
 Pipe Length: 25 ft.
 Level Difference: 0 ft.

Heating Mode

Indoor: 70 °F DB
 Outdoor: 47 °F DB / 43 °F WB
 Pipe Length: 25 ft.
 Level Difference: 0 ft.

Note:

Specifications are subject to change without notice.

FXFQ ACCESSORIES

Model Name		FXFQ12MVJU	FXFQ18MVJU	FXFQ24MVJU	FXFQ30MVJU	FXFQ36MVJU
Wired Remote Controller		BRC1C71	BRC1C71	BRC1C71	BRC1C71	BRC1C71
Simplified Wired Remote Controller		BRC2A71	BRC2A71	BRC2A71	BRC2A71	BRC2A71
Wireless Remote Controller		BRC7C	BRC7C	BRC7C	BRC7C	BRC7C
Remote Sensor Kit		KRCS01-1	KRCS01-1	KRCS01-1	KRCS01-1	KRCS01-1
Decoration Panel		BYC125K-W1	BYC125K-W1	BYC125K-W1	BYC125K-W1	BYC125K-W1
High-Efficiency Filter	65%	KAFP556D80	KAFP556D80	KAFP556D80	KAFP556D160	KAFP556D160
High-Efficiency Filter	90%	KAFP557D80	KAFP557D80	KAFP557D80	KAFP557D160	KAFP557D160
Replacement High-Efficiency Filter	65%	KAFJ552K80	KAFJ552K80	KAFJ552K80	KAFJ552K160	KAFJ552K160
Replacement High-Efficiency Filter	90%	KAFJ553K80	KAFJ553K80	KAFJ553K80	KAFJ553K160	KAFJ553K160
Filter Chamber		KDDFP55D160	KDDFP55D160	KDDFP55D160	KDDFP55D160	KDDFP55D160
Long-Life Replacement Filter		KAFJ55K160H	KAFJ55K160H	KAFJ55K160H	KAFJ55K160H	KAFJ55K160H
Ultra Long-Life Filter		KAFP55D160	KAFP55D160	KAFP55D160	KAFP55D160	KAFP55D160
Sealing Member of Air Discharge Outlet		KDBHJ55K160	KDBHJ55K160	KDBHJ55K160	KDBHJ55K160	KDBHJ55K160
Panel Spacer		KDBJ55K160W	KDBJ55K160W	KDBJ55K160W	KDBJ55K160W	KDBJ55K160W
Fresh Air Intake Kit		KDDP55D160-1	KDDP55D160-1	KDDP55D160-1	KDDP55D160-1	KDDP55D160-1
Fresh Air Intake Kit		KDDP55D160-2	KDDP55D160-2	KDDP55D160-2	KDDP55D160-2	KDDP55D160-2

FXFQ CONTROLLERS



BRC1C71
Wired Remote Controller



BRC7C
Wireless Remote Controller



BRC2A71
Simplified Wired Remote Controller



FXHQ ceiling- suspended unit



Slim. Efficient. Quiet. Easy to Maintain.

With its slim, elegant design, the FXHQ ceiling-suspended unit is a great fit for any light commercial space. Wide air openings provide a comfortable airflow and a silent stream fan ensures quiet operation, making it ideal for retail stores, restaurants, classrooms and conference rooms.

- One of our slimmest indoor units (less than 8") fits any interior design
- Wide air discharge outlet distributes a comfortable airflow throughout the entire space
- Silent stream fan technology keeps sound pressure levels low
- Installation is fast and optional drain-up kit can be added easily
- Bristle-free, non-dew flap and flat design make cleaning simple
- Long-life filter (maintenance-free for up to one year) is standard
- Models range from 12,000 Btu/h to 36,000 Btu/h





FXHQ SPECIFICATIONS

Model Name		FXHQ12MVJU	FXHQ24MVJU	FXHQ36MVJU
Power Supply		1ph 208-230V 60Hz		
Cooling Capacity	Btu/h	12,000	24,000	36,000
Heating Capacity	Btu/h	13,500	27,000	40,000
Refrigerant		R410A	R410A	R410A
Refrigerant Control		Electronic Expansion Valve		
Airflow Rate H/L	cfm	360/430	830/990	890/1060
Unit Weight	lbs.	55	80	90
Unit Height	in.	7 11/16	7 11/16	7 11/16
Unit Width	in.	37 13/16	55 1/8	62 5/8
Unit Depth	in.	26 3/4	26 3/4	26 3/4
Sound Pressure H/L	dB(A)	37/32	40/35	46/38
Unit Condensate Connection	in. O/D	1 1/4"	1 1/4"	1 1/4"
Pipe Connections	Gas in.	1/2" Flare	5/8" Flare	5/8" Flare
	Liquid in.	1/4" Flare	3/8" Flare	3/8" Flare
External Finish		White Casing		
Protection Devices		Fuse		
Recommended Fuse/Breaker	A	15	15	15
Standard Filter Type		Resin Net (with Mold Resistant)		

Nominal Conditions:

Cooling Mode

Indoor: 80 °F DB / 67 °F WB
 Outdoor: 95 °F DB
 Pipe Length: 25 ft.
 Level Difference: 0 ft.

Heating Mode

Indoor: 70 °F DB
 Outdoor: 47 °F DB / 43 °F WB
 Pipe Length: 25 ft.
 Level Difference: 0 ft.

Note:

Specifications are subject to change without notice.

FXHQ ACCESSORIES

Model Name	FXHQ12MVJU	FXHQ24MVJU	FXHQ36MVJU
Wired Remote Controller	BRC1C71	BRC1C71	BRC1C71
Wireless Remote Controller	BRC7E83	BRC7E83	BRC7E83
Remote Sensor Kit	KRCS01-1	KRCS01-1	KRCS01-1



BRC1C71

Wired Remote Controller



BRC7E83

Wireless Remote Controller

FXHQ CONTROLLERS



FXAQ wall- mounted unit



Stylish. Compact. Convenient. Comfortable.

Our wall-mounted units are ideal for cooling or heating smaller zones such as hotel rooms, stores, computer rooms and restaurants. The compact, stylish design lets the unit blend discreetly into any interior design, and airflow can be sent in any of five different directions and programmed via remote control.

- Auto-swing mechanism ensures efficient air distribution via louvers that automatically close when the unit is turned off
- Wide air discharge outlet distributes a comfortable airflow throughout the entire space
- Horizontal louvers and front panel can be easily removed for cleaning
- Drainpipe can be easily hidden from sight
- Models range from 12,000 Btu/h to 24,000 Btu/h





FXAQ SPECIFICATIONS

Model Name		FXAQ12MVJU	FXAQ18MVJU	FXAQ24MVJU
Power Supply		1ph 208–230V 60Hz		
Cooling Capacity	Btu/h	12,000	18,000	24,000
Heating Capacity	Btu/h	13,500	20,000	27,000
Refrigerant		R410A	R410A	R410A
Refrigerant Control		Electronic Expansion Valve		
Airflow Rate H/L	cfm	300/180	500/400	635/470
Unit Weight	lbs.	25	32	32
Unit Height	in.	11 3/8	11 3/8	11 3/8
Unit Width	in.	31 1/4	41 3/8	41 3/8
Unit Depth	in.	9	9	9
Sound Pressure H	dB(A)	38	43	47
Unit Condensate Connection	in. O.D.	23/32"	23/32"	23/32"
Pipe Connections	Gas in.	1/2" Flare	1/2" Flare	5/8" Flare
	Liquid in.	1/4" Flare	1/4" Flare	3/8" Flare
External Finish		White Casing		
Protection Devices		Fuse		
		Fan Motor Thermal Protector		
Recommended Fuse/Breaker	A	15	15	15
Standard Filter Type		Resin Net (with Mold Resistant)		

Nominal Conditions:

Cooling Mode

Indoor: 80 °F DB / 67 °F WB
 Outdoor: 95 °F DB
 Pipe Length: 25 ft.
 Level Difference: 0 ft.

Heating Mode

Indoor: 70 °F DB
 Outdoor: 47 °F DB / 43 °F WB
 Pipe Length: 25 ft.
 Level Difference: 0 ft.

Notes:

a. Specifications are subject to change without notice.

FXAQ ACCESSORIES

Model Name	FXAQ12MVJU	FXAQ18MVJU	FXAQ24MVJU
Wired Remote Controller	BRC1C71	BRC1C71	BRC1C71
Wireless Remote Controller	BRC7E	BRC7E	BRC7E
Remote Sensor Kit	KRCS01-1	KRCS01-1	KRCS01-1



BRC1C71
Wired Remote Controller



BRC7E
Wireless Remote Controller

FXAQ CONTROLLERS



FXLQ/FXNQ floor-standing units



Floor-Standing



Concealed Floor-Standing

Versatile. Logical. Durable. Quiet.

The ideal way to save space, our floor-standing units can easily be installed along a perimeter wall – or concealed. The air distribution from these models will allow you to find the right balance for classrooms, hospital rooms, office hallways or similar spaces.

- Ideal for installation beneath a window
- Unit requires minimal installation space
- Fitted with a washable long-life filter
- Remote-control options available
- Space-saving unit can be freestanding or wall-mounted, concealed or exposed
- Models range from 12,000 Btu/h to 24,000 Btu/h





FXLQ/FXNQ SPECIFICATIONS

Model Name		FXLQ12MVJU	FXLQ18MVJU	FXLQ24MVJU	FXNQ12MVJU	FXNQ18MVJU	FXNQ24MVJU
Power Supply		1ph 208–230V 60Hz			1ph 208–230V 60Hz		
Cooling Capacity	Btu/h	12,000	18,000	24,000	12,000	18,000	24,000
Heating Capacity	Btu/h	13,500	20,000	27,000	13,500	20,000	27,000
Refrigerant		R410A	R410A	R410A	R410A	R410A	R410A
Refrigerant Control		Electronic Expansion Valve			Electronic Expansion Valve		
Airflow Rate H/L	cfm	280/210	490/380	560/420	280/210	490/380	560/420
Unit Weight	lbs.	66	80	80	51	61	61
Unit Height	in.	23 5/8	23 5/8	23 5/8	24	24	24
Unit Width	in.	44 7/8	55 7/8	55 7/8	42 1/8	53 1/8	53 1/8
Unit Depth	in.	8 3/4	8 3/4	8 3/4	8 5/8	8 5/8	8 5/8
Sound Pressure H	dB(A)	36	40	41	36	40	41
Unit Condensate Connection	in.O.D.	53/64"	53/64"	53/64"	53/64"	53/64"	53/64"
Pipe Connections	Gas in.	1/2" Flare	1/2" Flare	5/8" Flare	1/2" Flare	1/2" Flare	5/8" Flare
	Liquid in.	1/4" Flare	1/4" Flare	3/8" Flare	1/4" Flare	1/4" Flare	3/8" Flare
External Finish		Ivory White Casing			Galvanized Steel Plates		
Protection Devices		Fuse			Fuse		
		Fan Motor Thermal Protector			Fan Motor Thermal Protector		
Recommended Fuse/Breaker	A	15	15	15	15	15	15
Standard Filter Type		Resin Net (With Mold Resistant)			Resin Net (With Mold Resistant)		

Nominal Conditions:

Cooling Mode

Indoor: 80 °F DB / 67 °F WB
Outdoor: 95 °F DB
Pipe Length: 25 ft.
Level Difference: 0 ft.

Heating Mode

Indoor: 70 °F DB
Outdoor: 47 °F DB / 43 °F WB
Pipe Length: 25 ft.
Level Difference: 0 ft.

Notes:

- a. Specifications are subject to change without notice.
b. Data not available at time of press.

FXLQ/FXNQ ACCESSORIES

Model Name	FXLQ12MVJU	FXLQ18MVJU	FXLQ24MVJU	FXNQ12MVJU	FXNQ18MVJU	FXNQ24MVJU
Wired Remote Controller	BRC1C71	BRC1C71	BRC1C71	BRC1C71	BRC1C71	BRC1C71
Simplified Wired Remote Controller	BRC2A71	BRC2A71	BRC2A71	BRC2A71	BRC2A71	BRC2A71
Wireless Remote Controller	BRC7E	BRC7E	BRC7E	BRC7E	BRC7E	BRC7E
Remote Sensor Kit	KRCS01-1	KRCS01-1	KRCS01-1	KRCS01-1	KRCS01-1	KRCS01-1

FXLQ/FXNQ CONTROLLERS



BRC1C71
Wired Remote Controller











BRC7E
Wireless Remote Controller



BRC2A71
Simplified Wired Remote Controller

comparison chart

		Individual Zone Controllers				Multi-Zone Controllers		Time Clock Controllers	
		Wired R/C BRC1C71	7-Day Programmable Wired R/C BRC1D71	Simplified Wired R/C BRC2A71	Wireless R/C BRC7C812 BRC7E83	Unified On/Off R/C DSC301C71	Centralized R/C DSC302C71	Set Back BRC15A71	Schedule DST301B61
Model									
No. of Units Controllable		1 Group/16 Units				16 Groups	64 Groups	1 Group	128 Groups
Operation	Start/Stop	✓	✓	✓	✓	✓	✓		✓
	Operation Mode	✓	✓	✓	✓		✓		
	Temperature Setting	✓	✓	✓	✓		✓	✓	
	Set-Point Range	60°–90° F	60°–90° F	60°–90° F	60°–90° F		60°–90° F	60°–90° F	
	Permit/Prohibit Selection		✓			✓	✓		✓
	Fan Speed	✓	✓	✓	✓		✓		
	Airflow Direction	✓	✓	✓	✓		✓		
Monitoring	Status	✓	✓	✓	✓	✓	✓		✓
	Malfunction Flashing	✓	✓	✓	✓	✓	✓		
	Malfunction Content	✓	✓	✓	✓		✓		
	Filter Sign	✓	✓				✓		
	Operation Mode	✓	✓	✓	✓		✓		
	Temperature Setting	✓	✓	✓	✓		✓		
	Permit/Prohibit Selection	✓	✓	✓			✓		
	Fan Speed	✓	✓	✓	✓		✓		
	Airflow Direction	✓	✓		✓		✓		
Scheduling	Weekly							✓	✓
	Timed Starts/Stops Per Day							2	2
	No. of Weekly Schedules						8		
	Auto ON/OFF Timer	✓	✓		✓				
Data	Error History						✓		
Control Management	Field Setting Mode	✓	✓	✓	✓		✓		
	Group Setting	✓	✓	✓	✓	✓	✓		✓
	7-Day Time Clock		✓	✓	✓		✓	✓	✓
	5-Temperature Setpoints Per Day		✓	✓	✓		✓	✓	✓
	Minimum Night Setting		✓	✓	✓		✓	✓	✓
	Maximum Day Setting		✓	✓	✓		✓	✓	✓
	Night Set-Back Function		✓	✓	✓		✓	✓	✓
	Home Leave Function		✓	✓	✓		✓	✓	✓
	Auto Restart	✓	✓	✓			✓	✓	✓

LONWORKS® NETWORKS COMPATIBLE GATEWAY

- Interface for connection to LONWORKS® networks
- Communication via LON® protocol (twisted pair wire)
- 64 units connectable per DMS-IF
- Unlimited site size
- Quick, easy installation



INTEGRATED CONTROL SYSTEM CONNECTING VRV SYSTEM WITH BMS SYSTEM

- Interface for BMS system
- Communication via BACnet® protocol (connection via ethernet)
- 256 units connectable per BACnet® gateway
- Unlimited site size
- Quick, easy installation





controllers

**Sleek. Compact. User-friendly.
Super-intelligent.**

With Daikin's super-intelligent, user-friendly system controllers, you can create Absolute Comfort quickly and easily. Their advanced functionality and easy-to-read Liquid Crystal Displays (LCDs) allow you to orchestrate and monitor: mode, temperature, time, airflow volume and more across your entire system at the touch of a button.

F1, F2

DST301B61 – SCHEDULE TIMER



Enabling 64 groups to be programmed

- A maximum of 128 indoor units can be controlled
- 8 types of weekly schedules

- A maximum of 48 hours backup power supply
- A maximum wiring distance between units of 3,280 ft.
- A maximum wiring length of 6,560 ft. (including all connections)



F1, F2

DCS302C71 – CENTRALIZED REMOTE CONTROL

Providing individual control of 64 groups (zones) of indoor units

- A maximum of 64 groups (128 indoor units, max. 10 outdoor units) can be controlled
- A maximum of 128 groups (128 indoor units, max. 10 outdoor units) can be controlled via 2 centralized remote controls in separate locations
- Zone control
- Malfunction code display
- A maximum wiring distance between units of 3,280 ft.
- A maximum wiring length of 6,560 ft. (including all connections)

DCS301C71 – UNIFIED ON/OFF CONTROL



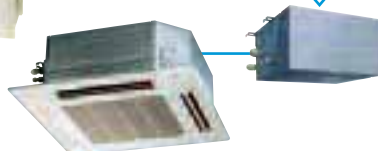
Providing simultaneous and individual control of 16 groups of indoor units

- A maximum of 16 groups (128 indoor units) can be controlled

- 2 remote controls in separate locations can be used
- Operating status indication (normal operation, alarm)
- Centralized control indication
- A maximum wiring distance between units of 3,280 ft.
- A maximum wiring length of 6,560 ft. (including all connections)

F1, F2

F1, F2



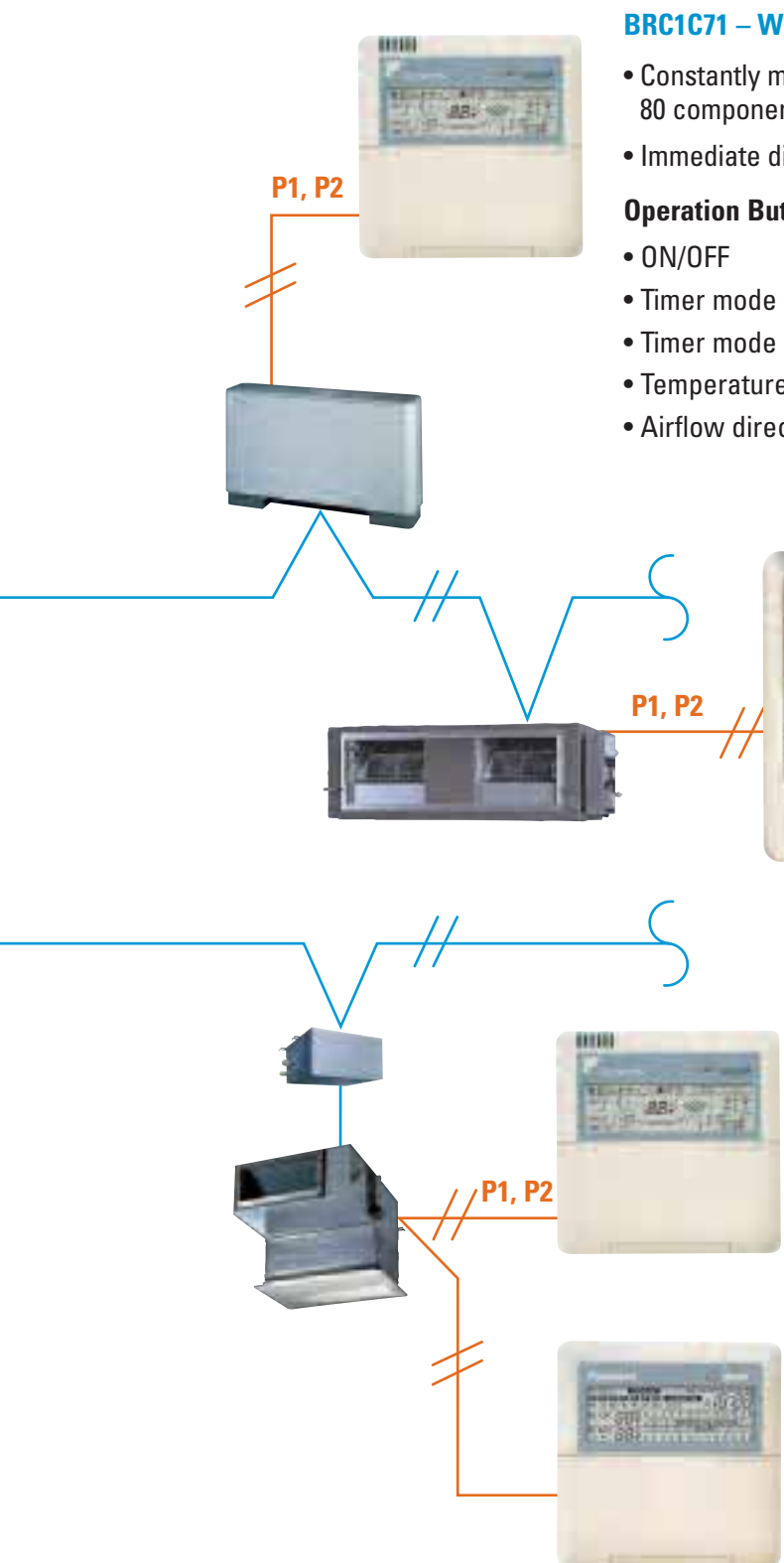
P1, P2

BRC4C/BRC7C/BRC7E – WIRELESS REMOTE CONTROL

Operation Buttons:

- ON/OFF
- Timer mode start/stop
- Timer mode on/off
- Program time
- Temperature setting
- Airflow direction (FXFQ and FXAQ models only)
- Operating mode
- Fan speed control
- Filter sign reset
- Inspection/test indication





BRC1C71 – WIRED REMOTE CONTROL

- Constantly monitors the system for malfunctions in a total of 80 components
- Immediate display of fault location and condition

Operation Buttons:

- ON/OFF
- Timer mode start/stop
- Timer mode on/off
- Temperature setting
- Airflow direction adjustment
- Operating mode selection
- Fan speed control
- Filter sign reset
- Inspection test/operation

BRC2A71 – SIMPLIFIED WIRED REMOTE CONTROL

- Simple, compact and easy-to-operate unit
- Suitable for use in hotel bedrooms

Operation Buttons:

- ON/OFF
- Operating mode selection
- Fan speed control
- Temperature setting

BRC1C71 – WIRED REMOTE CONTROL

(See details for Wired Remote Control above.)

BRC15A71 – SET-BACK TIME CLOCK

- Time clock controls up to 10 indoor units
- 2 timed start/stops per day
- Automatic re-start

Note: Units are not to scale. Please see product specifications for dimensions.



WARNINGS:

- Always use a licensed installer or contractor to install this product. Do not try to install the product yourself. Improper installation can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Use only those parts and accessories supplied or specified by Daikin. Ask a licensed contractor to install those parts and accessories. Use of unauthorized parts and accessories or improper installation of parts and accessories can result in water or refrigerant leakage, electrical shock, fire or explosion.
- Read the User's Manual carefully before using this product. The User's Manual provides important safety instructions and warnings. Be sure to follow these instructions and warnings.

For any inquiries, contact your local Daikin sales office.



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The air conditioners manufactured by Daikin Industries have received **ISO 9000 series** certification for quality assurance.

Certificate Numbers:
(ISO9001) JMI-0107 (ISO9002) JQA-1452
JQA-0495



All Daikin Industries locations and subsidiaries in Japan have received environmental management system standard **ISO 14001** certification.

Daikin Industries, Ltd.
Domestic Group
Certificate Number: EC99J2044

About ISO 14001

ISO 14001 is the standard defined by the International Organization for Standardization (ISO) relating to environmental management systems. Our group has been acknowledged by an internationally accredited compliance organization as having an appropriate program of environmental protection procedures and activities to meet the requirements of ISO 14001.

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Dealer Information

Daikin's products are subject to continuous improvements. Daikin reserves the right to modify product design, specifications and information in this brochure without notice and without incurring any obligations.

